

# INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Application Number	10/522282
Filing Date	
First Named Inventor	Frank C. PENNING et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	NL 020686

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.


☒ Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

- ☐ I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.
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- ☐ Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.
- ☐ A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.
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- ☐ A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.
- ☐ A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

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- ☒ cited in the specification or considered in drafting the specification of this application;
- ☐ previously submitted or cited in the parent application (or in a related patent application Ser. No. \_\_\_\_\_ Filing Date: \_\_\_\_\_);
- ☐ cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print Type)	Edward W. Goodman	Registration No. (Attorney/Agent)	28,613
Signature		Date	1/14/2005

## CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # : \_\_\_\_\_ on the date below:

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV.7-80) PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)					Atty. Docket No. NL 020686		Serial No. <b>10/522282</b>	
					Applicant Frank C. PENNING et al.			
					Filing Date CONCURRENTLY		Group	

U.S. PATENT DOCUMENTS														
Ex. Int.		Document Number								Date	Name	Class	Sub- class	Filing Date If Approp.
	AA	4	5	7	5	8	3	6	March 11, 1986	Seto	369	265		
	AB	4	7	9	6	2	5	1	January 3, 1989	Hirano	369	75.2		
	AC													
	AD													
	AE													
	AF													

FOREIGN PATENT DOCUMENTS															
		Document Number								Date	Country	Class	Sub- Class	Trans.	
														Yes	No
	AG	E	P	0	2	7	5	6	0	July 27, 1988	Europe	G11B	25/04	X	
	AH														
	AI														
	AJ														
	AK														

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)												
	AL											
	AM											
	AN											

Examiner	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.